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Date: Albruary 2, 2006

By: Mari Kleineidam

Mari Kleineidam

PATENT Attorney Docket No. GC788-US

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of) Group Art Unit: Unknown
JANSSEN et al.) Examiner: Unknown
Serial No.: 10/533,701))
Filed: May 3, 2005))
For: Skin or Hair Binding Peptides)))

TRANSMITTAL

Mail Stop Amendment Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

Sir:

In response to the International Search Report mailed 8 November 2005 for PCT/US03/36234, enclosed are the following documents:

- 1. Information Disclosure Statement (4 pages, in duplicate);
- 2. Form PTO-1449 (4 pages); and
- 3. Copies of the International Search Report (4 pages) and 42 references.

The Commissioner is hereby authorized to charge any fees under 37 C.F.R. §§ 1.16 and 1.17 that may be required, or credit any overpayment to Deposit Account No. 07-1048, referencing Attorney Docket No. GC788-US. A duplicate of this paper is enclosed.

Respectfully submitted,

Dated: 2 Schmany 2006

Kamrin T. MacKnight Reg. No. 38,230

Genencor International, Inc. 925 Page Mill Road

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Mari Kleineidam

PATENT

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INFORMATION DISCLOSURE STATEMENT

Mail Stop Amendment Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

Sir:

Applicants submit herewith patents, publications or other information (listed on the attached Form PTO-1449 and attached thereto) of which they are aware, that they believe may be material to the examination of this application and in respect of which there may be a duty to disclose in accordance with 37 CFR §1.56.

This Information Disclosure Statement:

(a)□	accompanies	the new	patent applica	ion su	ıbmitted	herewith.	37	CFR
§1.97(a	a).		•					

(b) is filed within three months after the filing date of the application or within three months after the date of entry into the national stage of a PCT application as set forth in 37 CFR §1.491.

GC788-US IDS

Serial No. 10/533,701 Filed: May 3, 2005

	(c)⊠ as far as is known to the undersigned, is filed before the mailing first Office Action on the merits.	date of a
	(d) is filed after the first Office Action and more than three months a application filing date or PCT national stage date of entry filing but, as fundamental known to the undersigned, prior to the mailing date of either a final rejection of allowance, whichever occurs first, and is accompanied by eith (\$180.00) set forth in 37 CFR §1.17(p) or a certification as specified in §1.97(e), as checked below. Authorization to charge Deposit Account 1048 in the amount of \$180.00 to cover the cost of this Information Discontinuous provided in the Transmittal Letter submitted herewith in definition of the provided in the Transmittal Letter submitted herewith in definition of the provided in the Transmittal Letter submitted herewith in definition of the provided in the Transmittal Letter submitted herewith in definition of the provided in the Transmittal Letter submitted herewith in definition of the provided in the Transmittal Letter submitted herewith in definition of the provided in the Transmittal Letter submitted herewith in definition of the provided in the Transmittal Letter submitted herewith in definition of the provided in the Transmittal Letter submitted herewith in definition of the provided in the Transmittal Letter submitted herewith in the provided in the Transmittal Letter submitted herewith in the provided in the Transmittal Letter submitted herewith in the provided in the Transmittal Letter submitted herewith in the provided in the Transmittal Letter submitted herewith the Transmittal Letter submitted herewith the Tran	far as is ction or a ner the fee 37 CFR No. 07- closure
	(e) is filed after the mailing date of either a final rejection or a notice allowance, whichever occurred first, and is accompanied by authorizati Transmittal Letter submitted herewith in duplicate) to charge Deposit A 07-1048 the fee (\$180.00) set forth in 37 CFR §1.17(I)(1) and a certific specified in 37 CFR §1.97(e), as checked below. This document is to considered as a petition requesting consideration of the Supplem Information Disclosure Statement.	on (in the ccount No. ation as be
[If either of b	boxes (d) or (e) is checked above, the following "certification" under	37 CFR
§1.97(e) mus	ist be completed.] The undersigned certifies that:	
	Each item of information contained in the Information Disclosure Statement was cited in a communication mailed from a foreign patent counterpart foreign application not more than three months prior to the this Information Disclosure Statement.	office in a
, ·	No item of information contained in this Information Disclosure was cited in a communication mailed from a foreign patent office in a conforeign application and to the knowledge of the undersigned after making reasonable inquiry, was known to any individual designated in 37 CFR more than three months prior to the filing of this Information Disclosure Statement.	ounterpart ng §1.56(c)
A copy of the	e items on Form PTO-1449 is supplied: PCT International Search Report	for
PCT/US03/36	36234, mailed 8 November 2005 with attached patents and publications.	
⊠ ead	ach none only those listed below:	
Those patent(nt(s) or publication(s) which are marked with an asterisk (*) on the attache	d Form
PTO-1449 are	re not supplied because they were previously cited by or submitted to the	Office in a
prior application	tion, Serial No filed, and relied upon in this a	application
for an earlier f	r filing date under 35 USC 120.	

Serial No. 10/533,701 Filed: May 3, 2005

Those patent(s) or publication(s) which are marked with an asterisk (**) on the attached Form PTO-1449 (Books not sent) are not supplied. Complete bibliographic information is unknown or unavailable. The cited publications are books or reference manuals and are commonly available. Reproduction of such publications would result in a voluminous submission. A concise explanation of relevance of the items listed on PTO-1449 is:

\boxtimes	not given
	given for each listed item
	given for only non-English language listed item(s)
•	in the form of an English language copy of a Search Report from a foreign office, issued in a counterpart application, which refers to the relevant as of the references.

The Examiner is reminded that a "concise explanation of the relevance" of the submitted prior art "may be nothing more than identification of the particular figure or paragraph of the patent or publication which has some relation to the claimed invention." MPEP §609.

While the information and references disclosed in this Information Disclosure Statement may be "material" pursuant to 37 CFR §1.56, it is not intended to constitute an admission that any patent, publication or other information referred to therein is "prior art" for this invention unless specifically designated as such.

In accordance with 37 CFR §1.97(b), the filing of this Information Disclosure Statement shall not be construed to mean that a search has been made or that no other material information as

Serial No. 10/533,701 Filed: May 3, 2005

defined in 37 CFR §1.56(a) exists. It is submitted that the Information Disclosure Statement is in compliance with 37 CFR §1.98 and MPEP §609 and the Examiner is respectfully requested to consider the listed references.

Respectfully submitted,

Dated: 2 Algumany 2006

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INFORMATION DISCLOSURE CITATION

Attorney Docket No.: GC788-US	Serial No.: 10/533,701
Applicant: JANSSEN et al.	
Filing Date: May 3, 2005	Group: Unknown
Page 1 of 4	Date of this Submission: February 2, 2006

US PATENT DOCUMENTS

Examiner's Initial	Document Number	Date	Name	Class	Sub- Class	Filing Date
	4,683,202	07/28/87	Mullis	435	91	10/25/85
	5,270,181	12/14/93	McCoy et al.	435	69.7	08/14/91
	5,283,173	02/01/94	Fields et al.	435	6	01/24/90
	5,292,646	03/08/94	McCoy et al.	435	69.7	07/28/92
_	5,475,096	12/12/95	Gold et al.	536	23.1	06/10/91
	5,733,731	03/31/98	Schatz et al.	435	6	10/26/95
	5,605,793	02/25/97	Stemmer	435	6	02/17/94
	US 2003/0152976 A1	08/14/03	Janssen et al.	435	6	11/25/02

FOREIGN PATENT DOCUMENTS

Examiner's Initials	Document Number	Date	Country	Class	Sub- Class	Translation Yes/No
	WO 96/16630	06.06.96	PCT			
	WO 96/33010	24.10.96	РСТ			
	WO 97/22617	26.06.97	PCT			
	WO 98/54312	03.12.98	PCT			
	WO 00/24372	04.05.00	PCT			
	WO 01/79479	25.10.01	PCT			

OTHER DOCUMENTS

Examiner's Initials	Author, Title, Date, Pertinent Pages, etc.
	**Ausubel et al., Current Protocols in Molecular Biology, Greene-Publishing & Wiley Interscience NY (Supplemented through 1999), 1987.
	Balass et al., "Recovery of High-Affinity Phage from a Nitrostreptavidin Matrix in Phage-Display Technology, <i>Analytical Biochemistry</i> ," 243:264-269, 1996.
Examiner	Date Considered

Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.



INFORMATION DISCLOSURE CITATION

Attorney Docket No.: GC788-US	Serial No.: 10/533,701
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Page 2 of 4	Date of this Submission: February 2, 2006

OTHER DOCUMENTS

Examiner's	Miner's Author, Title, Date, Pertinent Pages, etc.			
Initals				
	Barbas, "Recent Advances in Phage Display," Curre	ent Opinion in Biotechnology, 4:526-530, 1993.		
	Bartoli, et al., "DNA-based selection and screening 1998.	of peptide ligands," <i>Nature Biotechnology</i> , 16:1068-1074, Novembe		
	**Berger and Kimmel, Methods in Enzymology, Vol.	. 152, (1987) Academic Press, Inc., San Diego, CA.		
	Cao et al., "Detecting and Identifying Active Compo Mass Spectrometry," <i>Techniques in Protein Chemis</i>	ounds from a Combinatorial Library Using IAsys and Electrospray stry VIII, Ed. by Marshak, pp. 177-184, 1997.		
	Cheng et al., "Using Electrospray Ionization FTICR Carbonic Anhydrase," <i>J. Am. Chem. Soc.</i> , Vol. 117	Mass Spectrometry to Study Competitive Binding of Inhibitors to , pp. 8859-8860, 1995.		
	Christian et al., "Simplified Methods for Construction Bacteriophage," J. Mol. Biol., 227:711-718, 1992.	n, Assessment and Rapid Screening of Peptide Libraries in		
	**CTFA International Buyers' Guide, 2002, Cosmet	ic, Toiletry and Fragrance Association, Washington, D.C.		
	Wenninger, John A. et al., ed., CTFA <u>International Cosmetic Ingredient Dictionary and Handbook</u> , 7 th ed., Vol., 2 p. 1672, 1997.			
	Cull et al., "Screening for receptor ligands using large libraries of peptides linking to the C terminus of the <i>lac</i> repressor," <i>Proc. Natl. Acad. Sci, USA</i> , Vol. 89, pp. 1865-1869, March 1992.			
	Cwirla et al., "Peptides on phage: A vast library of peptides for identifying ligands," <i>Proc. Natl. Acad. Sci. USA</i> , 6382, August 1990.			
	Fodor et al., "Light-Directed, Spatially Addressable 1991.	Parallel Chemical Synthesis," Science, 251:767-773, February,		
	Gao et al., "Screening Derivatized Peptide Libraries Electrospray Ionization-Mass Spectrometry," J. Med	s for Tight Binding Inhibitors to Carbonic Anhydrase II by d. Chem., 39:1949-1955, 1996.		
	Gubler et al., "A simple and very efficient method for	or generating cDNA libraries," Gene, 25:263-269, 1983.		
	Hajduk et al., "High-Throughput Nuclear Magnetic Resonance-Based Screening," J. Med. Chem. Vol. 42, pp. 2315-2317, 1999.			
	**Harlow et al., Using Antibodies, A Laboratory Manual, (1999) Cold Spring Harbor Press.			
	Huls et al., "A recombinant, fully human monoclonal antibody with antitumor activity constructed from phage-displayed antibody fragments," <i>Nature Biotechnology</i> , 17:276-281, March 1999.			
Examiner		Date Considered		

Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant

INFORMATION DISCLOSURE CITATION

Attorney Docket No.: GC788-US	0.156	Serial No.: 10/533,701
Applicant: JANSSEN et al.	P FEB OC ED	
Filing Date: May 3, 2005	[] 700g o	Group: Unknown
Page 3 of 4	MADOMARK OFFICE	Date of this Submission: February 2, 2006

OTHER DOCUMENTS

Examiner's Initials	Author, Title, Date, Pertinent Pages, etc.	
	**Innis et al., PCR Protocols - A guide to Methods	and Applications (1990) Academic Press, Inc.
	**Kay et al., Phage Display of Peptides and Protein	ns (1996) Academic Press, Inc.
	**Kenny and Fowell, Eds., <i>Practical Protein Chrom</i> Press, Totowa, N.J.	atography Methods in Molecular Biology, Vol. 11, (1992) Humana
	Lam et al., "The Chemical Synthesis of Large Rand Macromolecular Acceptors," <i>Bioorganic & Medicina</i>	dom Peptide Libraries and Their Use for the Discovery of Ligands for all Chemistry Letters, 3(3):419-424, 1993.
	Marshall et al., "Fourier Transform Ion Cyclotron R Reviews, 17:1-35, 1998.	esonance Mass Spectrometry: A Primer," Mass Spectrometry
	Morton et al., "Kinetic Analysis of Macromolecular Methods in Enzymology, 295:268-294, 1998.	Interactions Using Surface Plasmon Resonance Biosensors,
	Nelson et al., Ádvances in surface plasmon resona J. Molecular Recognition, 12:77-93, 1999.	nce biomoleculr interaction analysis mass spectrometry (BIA/MS),
	Pinilla et al., "Investigation of antigen-antibody inte library composed of four trillion (4 x 10 ¹²) sequence	ractions using a soluable, non-support-bound synthetic decapeptide es," <i>Biochem. J.</i> , 301:847-853, 1994.
	Sagarin, E., Cosmetics, Science & Technology, 2 nd	ed., Vol. 1, pp. 189 et seq., 1972.
	**Sambrook et al., Molecular Cloning - A Laborato	ry Manual, 2 nd ed., Vol. 1-3, Cold Springs Harbor Publishing, 1989.
	Scott et al., "Searching for Peptide Ligands with ar	Epitope Library," Science, Vol. 249, pp. 386-390, July 1990
	**Singleton et al., Dictionary of Microbiology and Molecular Biology, 2 nd ed., page 35.	
	Smith, G.P., "Filamentous Fusion Phage: Novel Expression Vectors That Display Cloned Antigens on the Virion Surface," <i>Science</i> , Vol. 228, pp. 1315-1317, June 1985.	
	Stemmer, Willem P. C., "DNA shuffling by random fragmentation and reassembly: <i>In vitro</i> recombination for molecular evolution," <i>Proc. Natl. Acad. Sci., USA</i> , 91:10747-10751, 1994.	
	Szabo et al., "Surface plasmon resonance and its use in biomolecular interaction analysis (BIA)," Current Opinio Structural Biology, Vol. 5, pp. 699-705, 1995.	
Examiner		Date Considered

Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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OTHER DOCUMENTS		
Examiner's Initials	Author, Title, Date, Pertinent Pages, etc.	
	Tjoeng et al., "Multiple peptide synthesis using a single support (MPS3)," Int. J. Peptide Protein Res., Vol. 35, pp. 141-146, 1990.	
	Walk et al., "ESI Fourier Transform Ion Cyclotron Resonance Mass Spectrometry, (ESI-FT-ICR-MS): A Rapid High-Resolution Analytical Method for Combinatorial Compound Libraries," <i>Angew. Chem. Int. Ed.</i> , Vol. 38, No. 12, pp. 1763-1765, 1999.	
	Wu et al., "Quantitative electrospray mass spectrometry for the rapid assay of enzyme inhibitors," <i>Chemistry & Biology</i> , 4(9):653-657, 1997.	
	Youngquist et al., "Generation and Screening of Combinatorial Peptide Libraries Designed for Rapid Sequencing by Mass Spectrometry," J. Am. Chem. Soc., 117:3900-3906, 1995.	
_		
Examiner	Date Considered	

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